


The following three addresses were given at the *Plasma Physics Meeting, American Physical Society*, Austin, Texas, Nov. 8, 1967.

E. P. Gray, “A Random Walk Model of Particle Escape from a Cusp;”


The following three addresses were given at the American Association for the Advancement of Science, New York, N.Y., Dec. 26-31, 1967:
W. H. Avery, “An Integrated Urban-Interurban Transportation Concept;”
L. D. Eckard, Jr., “Technical Writing—A Scientist’s Viewpoint;”
Mary M. Schaefer, “The Engineer-Writer Team Effort in Preparing Scientific and Technical Reports.”

**APL COLLOQUIA**

Nov. 3—“The 24-Hour Clock in Animals and Man,” by Curt P. Richter, The Johns Hopkins University.
Nov. 10—Informal Talk about Science Budgeting, by William D. Carey, Bureau of the Budget.
Nov. 17—“Interference of Independent Photon Beams,” by Leonard Mandel, University of Rochester.
Dec. 1—“Does a Moving Body Appear Cool?” by Nicolaas van Kampen, University of Utrecht and Howard University.
Dec. 8—“The Laser Gyro,” by Joseph Kilpatrick, Honeywell Corporation.
Dec. 15—“Aging of Matter and Man,” by Dame Kathleen Lonsdale, University of London.

**PATENTS**


**WITH THE AUTHORS**

B. F. Hochheimer, author of “Fourier Transform Spectroscopy,” is an earlier contributor to the Digest, having co-authored “Laser Modes” in the January-February 1964 issue. He is a native of Rochester, N.Y. He received a B.S. degree in physics from Saint Bonaventure University and, in 1953, an M.S. degree in optics from the University of Rochester. Mr. Hochheimer was originally employed by APL in 1954 but left to go to Hayes Aircraft Corporation in 1956. He then rejoined APL as Physicist in the Research Center in 1960. He is a specialist in design and experimental work in optics, spectroscopy, and infrared physics and is a member of the Optical Society of America.

D. D. Zimmerman, author of “Evolution of Microelectronic Packaging,” received the degree of B.S. in physics from Muhlenberg College and has been employed continuously at APL since 1943. He has done research in the fields of missile guidance and hydraulic servo and control systems design and has conducted studies on missile sensing instruments, gyroscopes, accelerometers, and special devices for space vehicles. For the past nine years he has been engaged in research in the field of thin-film microelectronics with special emphasis on packaging techniques. He is a member of the Thin-Film Division of the American Vacuum Society.
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